

Practice Programs

For practice, write programs to do the following tasks.

Strong Password Detection

Write a function that uses regular expressions to make sure the password string it is passed is strong. A strong password has several rules: it must be at least eight characters long, contain both uppercase and lowercase characters, and have at least one digit. Hint: It's easier to test the string against multiple regex patterns than to try to come up with a single regex that can validate all the rules.

Regex Version of the strip() Method

Write a function that takes a string and does the same thing as the strip() string method. If no other arguments are passed other than the string to strip, then the function should remove whitespace characters from the beginning and end of the string. Otherwise, the function should remove the characters specified in the second argument to the function.